

CLAIMS

We claim:

- 5 1. A personal care emulsion comprising a water-proofing effective amount of an acrylate copolymer.
2. The composition of claim 1, wherein the acrylate copolymer is anionic at a pH above about 4 and water dispersible and contains essentially no hydrophobic monomers having an alkyl group of greater than or equal to C8.
- 10 3. The composition of claim 2, wherein the acrylate copolymer is a polymer formed from at least two monomers selected from the group comprising acrylic acids, methacrylic acids, esters of such acids, and amides of such acids.
4. The composition of claim 3, wherein the monomers are selected from the group consisting of methyl (meth)acrylate, ethyl (meth)acrylate, propyl (meth)acrylate, butyl (meth)acrylate, isobutyl(meth)acrylate, acrylic acid, and methacrylic acid.
- 15 5. The composition of claim 4, wherein the monomers are selected from the group consisting of butyl acrylate, methylmethacrylate, and methacrylic acid.
6. The composition of claim 5, wherein the acrylate copolymer comprises from about 1% to about 85% butyl acrylate, from about 1% to about 87% methylmethacrylate, and from about 1% to about 25% methacrylic acid, by weight of the copolymer.
- 20 7. The composition of claim 6, wherein the acrylate copolymer comprises from about 38% to about 48% butyl acrylate, from about 39% to about 49% methylmethacrylate, and from about 8% to about 18% methacrylic acid, by weight of the copolymer.
- 25 8. The composition of claim 1 or 7, wherein the composition is a suncare composition.
9. The composition of claim 1 or 8, wherein the acrylate copolymer is not neutralized.
- 30 10. A skin care composition comprising a water-proofing effective amount of an acrylate copolymer.
11. The composition of claim 10, wherein the acrylate copolymer is anionic at a pH above about 4 and water dispersible and contains essentially no hydrophobic monomers having an alkyl group of greater than or equal to C8.
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12. The composition of claim 11, wherein the acrylate copolymer is a polymer formed from at least two monomers selected from the group comprising acrylic acids, methacrylic acids, esters of such acids, and amides of such acids.
- 5 13. The composition of claim 12, wherein the monomers are selected from the group consisting of methyl (meth)acrylate, ethyl (meth)acrylate, propyl (meth)acrylate, butyl (meth)acrylate, isobutyl(meth)acrylate, acrylic acid, and methacrylic acid.
- 10 14. The composition of claim 13, wherein the monomers are selected from the group consisting of butyl acrylate, methylmethacrylate, and methacrylic acid.
- 15 15. The composition of claim 14, wherein the acrylate copolymer comprises from about 1% to about 85% butyl acrylate, from about 1% to about 87% methylmethacrylate, and from about 1% to about 25% methacrylic acid, by weight of the copolymer.
17. The composition of claim 15, wherein the acrylate copolymer comprises from about 38% to about 48% butyl acrylate, from about 39% to about 49% methylmethacrylate, and from about 8% to about 18% methacrylic acid, by weight of the copolymer.
- 20 17. The composition of claim 10, wherein the acrylate copolymer is not neutralized.
18. A suncare composition comprising a water-proofing effective amount of an acrylate copolymer.
19. The composition of claim 18, wherein the acrylate copolymer is anionic at a pH above about 4 and water dispersible and contains essentially no hydrophobic monomers having an alkyl group of greater than or equal to C8.
- 25 20. The composition of claim 19, wherein the acrylate copolymer is a polymer formed from at least two monomers selected from the group comprising acrylic acids, methacrylic acids, esters of such acids, and amides of such acids.
- 30 21. The composition of claim 20 wherein the monomers are selected from the group consisting of methyl (meth)acrylate, ethyl (meth)acrylate, propyl (meth)acrylate, butyl (meth)acrylate, isobutyl(meth)acrylate, acrylic acid, and methacrylic acid.
- 35 22. The composition of claim 21, wherein the monomers are selected from the group consisting of butyl acrylate, methylmethacrylate, and methacrylic acid.

23. The composition of claim 22, wherein the acrylate copolymer comprises from about 1% to about 85% butyl acrylate, from about 1% to about 87% methylmethacrylate, and from about 1% to about 25% methacrylic acid, by weight of the copolymer.
- 5 24. The composition of claim 23, wherein the acrylate copolymer comprises from about 38% to about 48% butyl acrylate, from about 39% to about 49% methylmethacrylate, and from about 8% to about 18% methacrylic acid, by weight of the copolymer.
- 10 25. The composition of claim 18, wherein the acrylate copolymer is not neutralized.
26. A composition comprising a water-proofing effective amount of an acrylate copolymer, said composition being a skin care composition, an eyelash care composition, or an eyebrow care composition.

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